

CLAIMS

1. An oil filtering device, in which a crankcase of an internal combustion engine rotatably retains a crankshaft inside, and an oil passage supplying oil to the crankshaft and a connection passage communicating with the oil passage are formed in the crankcase, comprising:
- 5 a filter element disposed in a recess formed inside the crankcase; and
- a filter flange having a flat lid which has substantially a same shape as an opening of the recess and is fitted in the recess, a cylindrical extension part which extends outward substantially from a center of the lid and in which a communication
- 10 passage is formed inside, and a connection part which is formed on a tip of the extension part and is fitted in the communication hole passage, wherein,
- the filter element is disposed to separate a space enclosed by the recess and the lid into an inlet space communicating with an inlet passage formed thereon and an outlet space communicating with the communication passage, and
- 15 the oil introduced to the inlet space from the inlet passage is filtered by the filter element, discharged into the outlet space, and supplied to the crankshaft from the communication passage through the oil passage.
2. The oil filtering device according to claim 1, wherein,
- the crankcase comprises a case main body which contains the crankshaft, and a
- 20 cover member on which the oil passage and the connection passage are formed and which covers the crankshaft in an axis direction of the crankshaft, and
- the filter flange is retained in that the lid of the filter flange is locked with the recess and the connection part of the filter flange is locked with the communication passage.
- 25 3. The oil filtering device according to claim 1,
- the crankshaft has a rotary member at a part covered with the cover member, and

the lid and the rotary member are disposed to partially overlap when viewed from a side in the axis direction of the crankshaft.

4. The oil filtering device according to claim 1, including the internal combustion engine.

5